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NAGAI MASAHIKO(54) CLEANING METHOD FOR HOLLOW FIBER
MEMBRANE MODULEwater blow valve 23 through a concentrated water outlet
nozzle 16.

(57) Abstract:

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PROBLEM TO BE SOLVED: To provide a cleaning method for a hollow fiber membrane module for removing fine particles and the like efficiently.

SOLUTION: Purified water is introduced into hollow fibers 14 from a purified water line C reversely to the introduction time of water for purification, and the outer surfaces of hollow fibers are cleaned to release turbid matters adhered to the hollow fibers. Waste water is drained from a hollow fiber layer 13 through a core tube 12 and a raw water inlet nozzle 11. After the reverse pressure cleaning is completed, a raw water valve 21 and a purified water valve 22 are closed and a waste water blow valve 23 is opened. Then a high pressure air feed valve 4 is opened quickly to introduce forcibly compressed air stored in an air tank 20 from the nozzle 11 into a membrane separation device 3. The feed valve 24 is closed in said state, and then the valve is opened quickly to introduce compressed air into a module shockingly. Air is passed through the nozzle 11, the core tube 12, the hollow fiber layer 13 and an outer peripheral space 15 and discharged from the waste

